CLAIMS

1   1. A computer implemented method of rolling up projected demand
2   requirements for a plurality of selling locations, including:

3   associating respective selling in-dates with a good at a plurality of selling
4   locations;

5   associating respective time elements, corresponding to times for an action to lead
6   to availability of the good at the respective selling locations, with the good at the
7   selling locations;

8   looking forward from a date related to the action and rolling up projected demand
9   requirements for one or more predetermined selling periods, which commence at
10   one or more dates related to the respective time elements, for the good at the
11   selling locations.

1   2. The method of claim 1, wherein a user interface facilitates associating the
2   respective selling in-dates with substantially all of the selling locations in a single
3   action.

1   3. The method of claim 1, wherein a user interface facilitates associating the
2   respective selling in-dates with predetermined groups of the selling locations.

1   4. The method of claim 1, wherein a user interface facilitates associating the
2   respective selling in-dates with the plurality of selling locations, selected from a list of
3   selling locations by following a standard protocol for use of hold-and-drag, control-
4   and shift-mouse click commands.

1   5. The method of claim 1, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   6. The method of claim 2, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   7. The method of claim 3, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   8. The method of claim 4, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   9. The method of claim 1, wherein the respective selling in-dates are dates on
2   which selling of the good is scheduled to begin at the plurality of locations.

1   10. The method of claim 1, wherein availability of the good includes delivery of
2   the good from a stocking location.

1   11. The method of claim 10, wherein availability further includes preparing the
2   delivered goods for sale.

1   12. The method of claim 1, wherein the time elements include time required to
2   collect data, review action recommendations, process data, pick goods at a stocking
3   location, and ship the goods to the selling location location.

1   13. The method of claim 12, wherein the respective time elements further include
2   periodic dates for actions necessary to make the good available at the plurality of
3   selling locations.

1   14. The method of claim 1, wherein the respective time elements include time for
2   distributing the good from one or more first level stocking locations to a plurality of
3   second level stocking locations.

1   15. The method of claim 12, wherein the respective time elements include time
2   for distributing the good from one or more first level stocking locations to a plurality
3   of second level stocking locations.

1   16. The method of claim 1, wherein the respective time elements include time for
2   distributing the good from a supplier through one or more stocking locations to a
3   plurality of selling locations.

1   17. The method of claim 12, wherein the respective time elements include time

2   for distributing the good from a supplier through one or more stocking locations to a

3   plurality of selling locations.

1   18. The method of claim 1, wherein the action includes distribution of the good

2   from one or more stocking locations to a plurality of selling locations.

1   19. The method of claim 1, wherein the action includes ordering the good from a

2   supplier.

1   20. The method of claim 1, wherein the action includes allocating delivery of the

2   good after ordering from a supplier.

1   21. The method of claim 1, wherein the projected demand is for sale of the good

2   at the selling locations.

1   22. The method of claim 1, wherein the projected demand is for a stocking level

2   of the good at the selling locations.

1   23. The method of claim 1, wherein the rolling up includes zeroing projected

2   demand requirements at the plurality of selling locations for periods preceding the

3   respective associated selling in-dates.

1   24. The method of claim 1, wherein the projected demand requirements for the

2   respective selling locations are zero for periods preceding the associated selling in-

3   dates.

1   25. A computer implemented method of rolling up projected demand

2   requirements and presentation quantities for a plurality of selling locations, including:

3   naming a plurality of display types used by a plurality of selling locations;

4   associating numbers of the named displays present at the selling locations with

5   the selling locations;

6   associating a good and presentation dates with one or more named displays;

7   associating respective time elements, corresponding to times for an action to lead

8   to availability of the good at the selling locations, with the good at the selling

9   locations;

10   looking forward from a date related to the action and rolling up projected demand

11   requirements for one or more predetermined selling periods, which commence at

12   one or more dates related to the respective time elements, for the good at the

13   selling locations, while taking into account association of the good with the

14   named displays in the respective selling locations.

1   26. The method of claim 25, wherein a user interface facilitates associating

2   predetermined sets of respective time elements with the good at the plurality of selling

3   locations.

1   27. The method of claim 25, wherein availability of the good includes delivery of

2   the good from a stocking location.

1   28. The method of claim 27, wherein availability further includes preparing the

2   delivered goods for sale.

1   29. The method of claim 25, wherein the time elements include time required to

2   collect data, review action recommendations, process data, pick goods at a stocking

3   location, and ship the goods to the selling location.

1   30. The method of claim 29, wherein the respective time elements further include

2   periodic dates for actions necessary to make the good available at the plurality of

3   selling locations.

1   31. The method of claim 25, wherein the respective time elements include time
2   for distributing the good from one or more first level stocking locations to a plurality
3   of second level stocking locations.

1   32. The method of claim 29, wherein the respective time elements include time
2   for distributing the good from one or more first level stocking locations to a plurality
3   of second level stocking locations.

1   33. The method of claim 25, wherein the respective time elements include time
2   for distributing the good from a supplier through one or more stocking locations to a
3   plurality of selling locations.

1   34. The method of claim 29, wherein the respective time elements include time
2   for distributing the good from a supplier through one or more stocking locations to a
3   plurality of selling locations.

1   35. The method of claim 25, wherein the action includes distribution of the good
2   from one or more stocking locations to a plurality of selling locations.

1   36. The method of claim 25, wherein the action includes ordering the good from
2   a supplier.

1   37. The method of claim 25, wherein the action includes allocating delivery of
2   the good after ordering from a supplier.

1   38. The method of claim 25, wherein the projected demand is for sale of the good
2   at the selling locations.

1   39. The method of claim 25, wherein the projected demand is for a stocking level
2   of the good at the selling locations.

1   40. The method of claim 25, wherein the rolling up includes adding the
2   presentation quantities and the projected demand requirements for the good at the
3   selling locations.

1   41. The method of claim 25, wherein the presentation quantity used in the roll up
2   is the average presentation quantity for the location during the predetermined selling
3   period.

1   42. The method of claim 25, wherein the presentation quantity used in the roll up
2   is the presentation quantity for the selling location on the first day of the
3   predetermined selling period.

1   43. The method of claim 25, wherein the presentation quantity used in the roll up
2   is the presentation quantity on the day of the predetermined selling period when the
3   good is received at the selling location.

1   44. The method of claim 25, wherein the presentation quantity used in the roll up
2   is the largest presentation quantity associated with the good at the selling location for
3   any day of the predetermined selling period.

1   45. The method of claim 25, wherein the rolling up includes selecting the larger
2   of the presentation quantities or the projected demand requirements for the good at the
3   selling locations.

1   46. The method of claim 25, wherein the presentation quantity used in the roll up
2   is the presentation quantity for the selling location on the last day of the
3   predetermined selling period.

1   47. A computer implemented method of rolling up projected demand

2   requirements for a plurality of selling locations, reduced by unfulfilled demand due to

3   stock outs at selling locations, including:

4   comparing daily or more frequent projected demand requirements with daily or

5   more frequent projected on hand stock for a good at a plurality of selling

6   locations;

7   reducing the projected demand requirements corresponding to unfulfilled demand

8   due to a stock out at at least one of the selling locations; and

9   looking forward from a date related to an action and rolling up projected demand

10   requirements for one or more predetermined selling periods, which commence at

11   one or more dates corresponding to times for the action to lead to availability of

12   the good at the selling locations, for the good at the selling locations.

1   48. The method of claim 47, wherein a user interface facilitates associating

2   predetermined sets of respective time elements with the good at the plurality of selling

3   locations.

1   49. The method of claim 47, wherein the projected demand is for sale of the good

2   at the selling locations.

1   50. The method of claim 47, wherein the projected demand is for a stocking level

2   of the good at the selling locations.

1   51. The method of claim 47, wherein the projected on hand stock reflects an

2   actual on hand stock quantity at a first date, plus projected receipts of goods between

3   the first date and the one or more dates corresponding to times for the action to lead to

4   availability of the good at the selling locations, less the projected demand

5   requirements which are fulfilled between said first and one or more dates.

1   52. The method of claim 47, wherein availability of the good includes delivery of

2   the good from a stocking location.

1   53. The method of claim 52, wherein availability further includes preparing the

2   delivered goods for sale.

1   54. The method of claim 47, wherein the time elements include time required to

2   collect data, review action recommendations, process data, pick goods at a stocking

3   location, and ship the goods to a selling location.

1   55. The method of claim 54, wherein the respective time elements further include

2   periodic dates for actions necessary to make the good available at the plurality of

3   selling locations.

1   56. The method of claim 47, wherein the respective time elements include time

2   for distributing the good from one or more first level stocking locations to a plurality

3   of second level stocking locations.

1   57. The method of claim 54, wherein the respective time elements include time

2   for distributing the good from one or more first level stocking locations to a plurality

3   of second level stocking locations.

1   58. The method of claim 47, wherein the respective time elements include time

2   for distributing the good from a supplier through one or more stocking locations to a

3   plurality of selling locations.

1   59. The method of claim 54, wherein the respective time elements include time

2   for distributing the good from a supplier through one or more stocking locations to a

3   plurality of selling locations.

1   60. The method of claim 47, wherein the action includes distribution of the good

2   from one or more stocking locations to a plurality of selling locations.

1   61. The method of claim 47, wherein the action includes ordering the good from

2   a supplier.

1   62. The method of claim 47, wherein the action includes allocating delivery of

2   the good after ordering from a supplier.

1 63. A computer implemented method of rolling up projected demand

2 requirements for a plurality of selling locations, reflecting selling out dates, including:

3   associating respective selling out-dates with a good at a plurality of selling

4   locations;

5   associating respective time elements, corresponding to times for an action to lead

6   to availability of the good at the respective selling locations, with the good at the

7   selling locations;

8   looking forward from a date related to the action and rolling up projected demand

9   requirements for one or more predetermined selling periods, which commence at

10   one or more dates related to the respective time elements, for the good at the

11   selling locations.

1 64. The method of claim 63, wherein a user interface facilitates associating the

2 respective selling out-dates with substantially all of the selling locations in a single

3 action.

1 65. The method of claim 63, wherein a user interface facilitates associating the

2 respective selling out-dates with predetermined groups of the selling locations.

1 66. The method of claim 63, wherein a user interface facilitates associating the

2 respective selling out-dates with the plurality of selling locations, selected from a list

3 of selling locations by following a standard protocol for use of hold-and-drag, control-

4 and shift-mouse click commands.

1 67. The method of claim 63, wherein a user interface facilitates associating

2 predetermined sets of respective time elements with the good at the plurality of selling

3 locations.

1 68. The method of claim 64, wherein a user interface facilitates associating

2 predetermined sets of respective time elements with the good at the plurality of selling

3 locations.

1   69. The method of claim 65, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   70. The method of claim 66, wherein a user interface facilitates associating
2   predetermined sets of respective time elements with the good at the plurality of selling
3   locations.

1   71. The method of claim 63, wherein the respective selling out-dates are dates on
2   which selling of the good is scheduled to begin at the plurality of locations.

1   72. The method of claim 63, wherein availability of the good includes delivery of
2   the good from a stocking location.

1   73. The method of claim 72, wherein availability further includes preparing the
2   delivered goods for sale.

1   74. The method of claim 63, wherein the time elements include time required to
2   collect data, review action recommendations, process data, pick goods at a stocking
3   location, and ship the goods to the selling location location.

1   75. The method of claim 74, wherein the respective time elements further include
2   periodic dates for actions necessary to make the good available at the plurality of
3   selling locations.

1   76. The method of claim 63, wherein the respective time elements include time
2   for distributing the good from one or more first level stocking locations to a plurality
3   of second level stocking locations.

1   77. The method of claim 74, wherein the respective time elements include time
2   for distributing the good from one or more first level stocking locations to a plurality
3   of second level stocking locations.

1   78. The method of claim 74, wherein the respective time elements include time
2   for distributing the good from a supplier through one or more stocking locations to a
3   plurality of selling locations.

1   79. The method of claim 74, wherein the respective time elements include time

2   for distributing the good from a supplier through one or more stocking locations to a

3   plurality of selling locations.

1   80. The method of claim 63, wherein the action includes distribution of the good

2   from one or more stocking locations to a plurality of selling locations.

1   81. The method of claim 63, wherein the action includes ordering the good from

2   a supplier.

1   82. The method of claim 63, wherein the action includes allocating delivery of

2   the good after ordering from a supplier.

1   83. The method of claim 63, wherein the projected demand is for sale of the good

2   at the selling locations.

1   84. The method of claim 63, wherein the projected demand is for a stocking level

2   of the good at the selling locations.

1   85. The method of claim 63, wherein the rolling up includes zeroing projected

2   demand requirements at the plurality of selling locations for periods after the

3   respective associated selling out-dates.

1   86. The method of claim 63, wherein the projected demand requirements for the

2   respective selling locations are zero for periods after the associated selling out-dates.

1   87. A computer implemented method of rolling up projected demand
2 requirements for a plurality of selling locations, increased for effectively unavailable
3 inventory due to over stocking at selling locations, including:

4   comparing projected demand requirements with projected on hand stock for a
5   good at a plurality of selling locations on the last day or more frequent period of a
6   predetermined selling period;

7   increasing the projected demand requirements corresponding to all or part of an
8   excess quantity of the good at at least one of the selling locations; and

9   looking forward from a date related to an action and rolling up the increased
10   projected demand requirements for the predetermined selling period, including
11   the increased projected demand requirements.

1   88. The method of claim 87, wherein the projected demand is for sale of the
2 good at the selling locations.

1   89. The method of claim 87, wherein the projected demand is for a stocking level
2 of the good at the selling locations.

1   90. The method of claim 87, wherein the action includes distribution of the good
2 from one or more stocking locations to a plurality of selling locations.

1   91. The method of claim 87, wherein the action includes ordering the good from
2 a supplier.

1   92. The method of claim 87, wherein the action includes allocating delivery of
2 the good after ordering from a supplier.